

## DC/DC CONVERTERS

These switch-mode DC/DC converters are dedicated to the supply of electric and electronic equipment. They guarantee the quality of the output voltage and ensure insulation. Thanks to their input voltage range, they offer the possibility to connect directly on the banks of the battery (can be used as a battery charger). Their dimensions and weight allow an easy maintenance.



- **Input voltage :**  
Input 12Vdc at nominal rate: 10 to 18Vdc  
Input 24Vdc at nominal rate: 18 to 36Vdc  
Input 48Vdc at nominal rate: 36 to 72Vdc
- **Output voltage :**  
12 or 24 or 48Vdc nominal  
Voltage adjustment by internal potentiometer
- **Output electric characteristics :**  
Line regulation: 1%  
Load regulation: 2% (10 to 100%)  
Typical efficiency: 75%
- **Dielectric rigidity :** Input/Output :>1000Vdc
- **Ventilation :** Natural
- **Operating temperature :** 0°C to +50°C
- **Storage temperature:** -20°C to +85°C
- **Presentation :** In close box ; fixing on screw terminals
- **Input protection :** Against polarity reversal ; EMI filter ; by fuses
- **Output protection :** Against short-circuit ;against overload by current limitation ; against overvoltage (Vnom +25%)
- **Standards :** Safety : EN 60950 ; EMC : EN 50081-2 ; CE marking
- **Warranty :** 2 years

Item code	Description	Input voltage (Vdc)	Output voltage (Vdc)	Output current (A)	Max. output current (A)	Dimensions LxWxH (mm)
25000160	SD 203-I1	12	12	16	18	166x108x80
25000163	SD 206-I1	12	24	8	10	166x108x80
25000166	SD 208-I1	12	48	4	5	166x108x80
25000161	SD 203-I2	24	12	16	18	166x108x80
25000164	SD 206-I2	24	24	8	10	166x108x80
25000167	SD 208-I2	24	48	4	5	166x108x80
25000162	SD 203-I3	48	12	16	18	166x108x80
25000165	SD 206-I3	48	24	8	10	166x108x80
25000168	SD 208-I3	48	48	4	5	166x108x80